

GENERAL NOTES

TEMPORARY ROAD CROSSING

1. PIPE SHOULD EXTEND BEYOND TOE OF ROADWAY.
2. ROADWAY SHOULD BE DEPRESSED OVER CULVERT TO ALLOW FOR OVERFLOW.
3. CLEAN ROCK FILL SHALL BE USED TO GUARD AGAINST EROSION AND SEDIMENTATION. STREAMBED MATERIAL IS NOT TO BE USED.
4. APPROACHES TO CROSSING ARE NOT TO EXCEED A DEPTH OF 6 INCHES ABOVE ORIGINAL GRADE.
5. PROPER EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED.

STANDARD EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED AND MAINTAINED UNTIL COMPLETION OF THE PROJECT.
2. UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE CONTRACTOR SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND MAINTAIN AND MAKE AVAILABLE TO LACKAWANNA COUNTY CONSERVATION DISTRICT COMPLETE, WRITTEN INSPECTION LOGS OF ALL THOSE INSPECTIONS. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, REGRADING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
3. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
4. BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE CONTRACTOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE LACKAWANNA COUNTY CONSERVATION DISTRICT.
5. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
6. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
7. EROSION AND SEDIMENT BMPs MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMPs.
8. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPs CONTROLS MUST BE REMOVED BY THE CONTRACTOR. AREAS DISTURBED DURING REMOVAL OF THE BMPs MUST BE STABILIZED IMMEDIATELY.
9. AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITIES LOCATIONS.
10. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED.
11. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE CONTRACTOR SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITIES. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE SPECIFIED RATES.
12. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION.
13. AT STREAM CROSSING, 50' BUFFER AREAS SHOULD BE MAINTAINED. ON BUFFERS, CLEARING, SOD DISTURBANCES, EXCAVATION, AND EQUIPMENT TRAFFIC SHOULD BE MINIMIZED. ACTIVITIES SUCH AS BURNING CLEARED BRUSH, DISCHARGING RAINWATER FROM TRENCHES, REFUELING AND MAINTAINING EQUIPMENT SHOULD BE ACCOMPLISHED OUTSIDE OF BUFFERS.
14. HAY OR STRAW MULCH MUST BE APPLIED AT RECOMMENDED RATE AS SPECIFIED IN TABLE A.
15. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 AND STEEPER.
16. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.
17. THE CONTRACTOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE BUILDING MATERIAL OR WASTES AT THE SITE.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL BMP'S.

CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL NOTIFY, IN WRITING, THE LACKAWANNA COUNTY CONSERVATION DISTRICT SEVEN (7) DAYS PRIOR TO BEGINNING EARTHMOVING ACTIVITIES.
2. INSTALL TEMPORARY STREAM CROSSING.
3. INSTALL SILT FENCE AT LOCATIONS AS SHOWN ON PLAN.
4. CLOSE VALVE TO SIPHON INTAKE STRUCTURE ALLOWING NO WATER INTO OXIC DRAIN TREATMENT SYSTEM DURING STORM CHAMBER INSTALLATION.
5. STRIP AND STOCKPILE TOPSOIL FROM AREA WHERE STORM CHAMBERS ARE TO BE INSTALLED.
6. INSTALL STORM CHAMBERS. EXISTING STONE SHALL BE REMOVED, WASHED, STOCKPILED AND THEN REPLACED DURING INSTALLATION OF STORM CHAMBERS. ADDITIONAL STONE MAY BE REQUIRED.
7. REPLACE TOPSOIL THEN PERMANENTLY STABILIZE DISTURBED AREA WITH SEED, SOIL SUPPLEMENTS AND MULCH.
8. INSTALL CYCLONE SCREEN THEN OPEN VALVE TO SIPHON INTAKE STRUCTURE.
9. REMOVE TEMPORARY STREAM CROSSING. REMOVE TEMPORARY EROSION CONTROL MEASURES WHEN SITE IS STABILIZED.

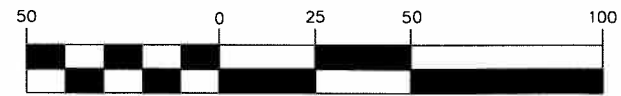
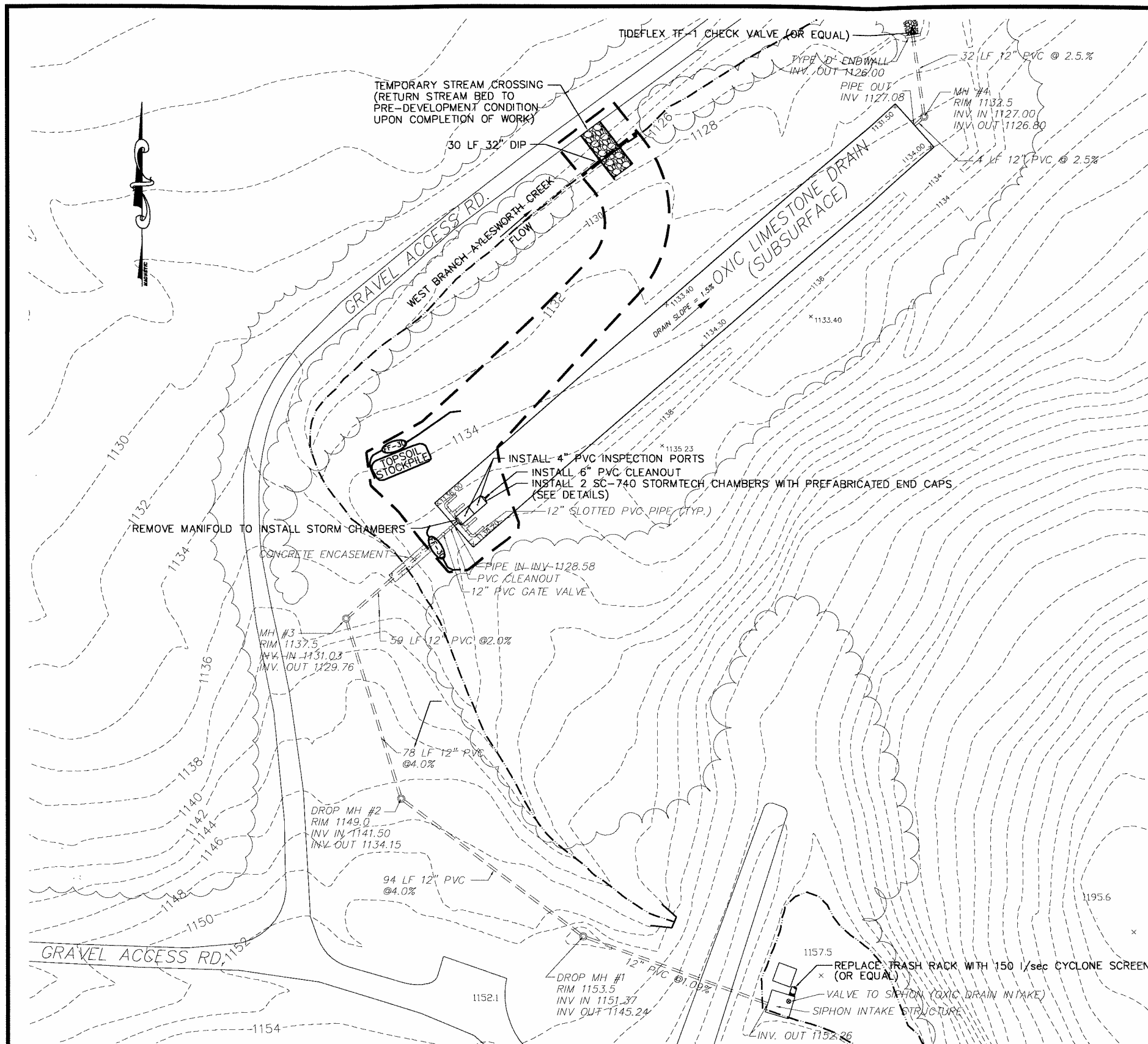
LEGEND

- EXISTING ROADWAY EDGE
- Q OF WEST BRANCH AYLESWORTH CREEK
- TREELINE
- 10' EXISTING CONTOURS
- 2' EXISTING CONTOURS
- LIMIT OF EARTH DISTURBANCE

PENNSYLVANIA ONE CALL SYSTEM, INC.
CALL BEFORE YOU DIG

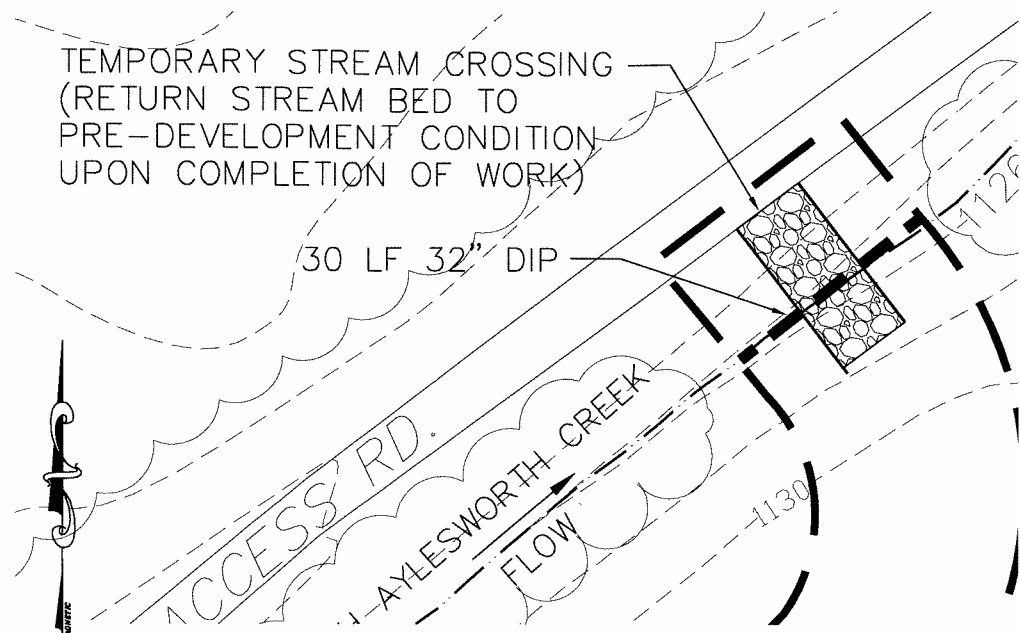
PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS
NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE - STOP CALL 1-800-242-1776

PA1System Inc.

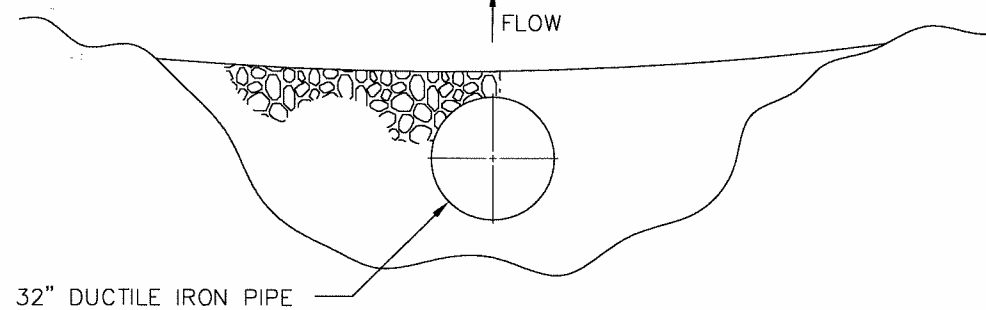
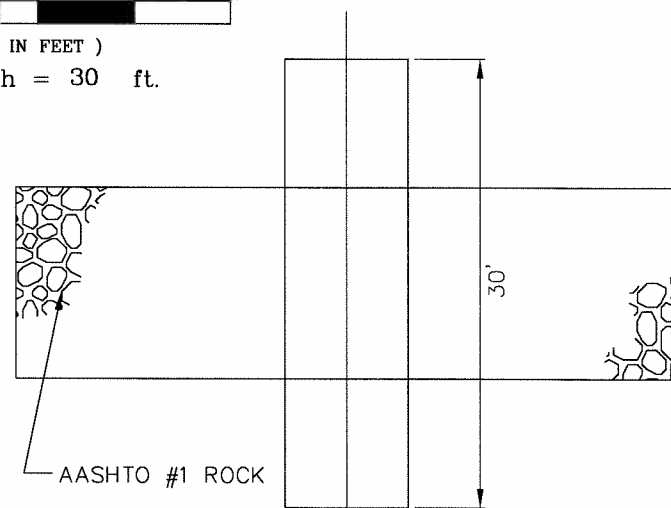
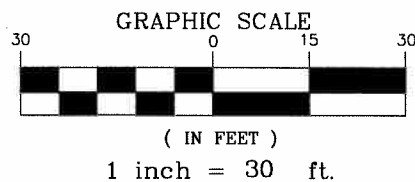


(IN FEET)
1 inch = 50 ft.

REV	DATE	BY	DESCRIPTION	SCALE	1"=50'		DESIGNED: JPK DRAWN: JPK CHECKED:	PREPARED BY: JAMES P. KELLEY, P.E. LICENSE NO. PE041844E DATE: 3 SEPT 08		MWH Mayfield, PA ACKER ASSOCIATES Moscow, PA	COUNTY OF LACKAWANNA ARCHBOLD BOROUGH, PENNSYLVANIA AYLESWORTH CREEK AND TREATMENT ENHANCEMENT PROJECT	AYLESWORTH CREEK SITE PLAN	SHEET SK-1
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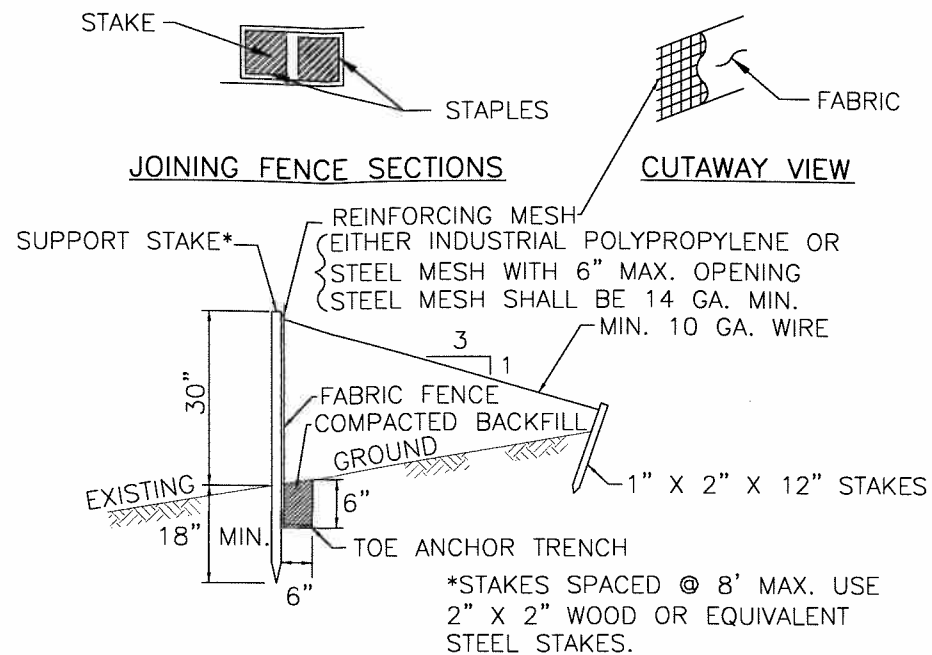


PLAN-TEMPORARY STREAM CROSSING



SECTION-TEMPORARY STREAM CROSSING

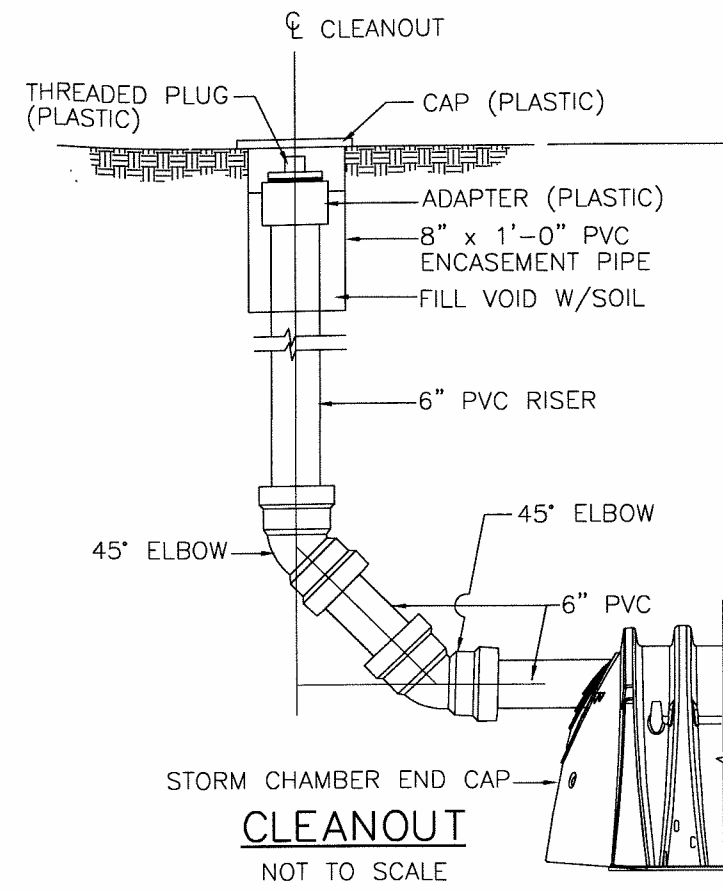
NOT TO SCALE



FILTER FABRIC FENCE MUST BE INSTALLED AT EXISTING LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION MUST BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. SEDIMENT MUST BE REMOVED WHERE ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FENCE. ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET.

REINFORCED FILTER FABRIC FENCE

NOT TO SCALE



CLEANOUT

NOT TO SCALE

**TABLE A
SEEDING TYPES AND RATES**

FORMULA and SPECIES	% by Weight	Minimum %		Max. % Weed Seed	Seeding Rate Lbs./1000 S.F.
		Purity	Germination		
Formula E (Temporary Seeding)					10.0 Total
• Annual Ryegrass (<i>Lolium multiflorum</i>).	100	98	90	0.15	10.0
Formula W (Permanent Seeding)					10.5 Total
• Tall Fescue (<i>Festuca arundinacea</i> var. Kentucky 31).	70	98	85	0.15	7.5
• Birdsfoot Trefoil Mix (<i>Lotus corniculatus</i>). A mixture of 1/2 Viking and 1/2 of either Empire, Norcen or Leo.	20	98	80	0.10	2.0
• Redtop (<i>Argostis alba</i>)	10	92	80	0.15	1.0

LIME, FERTILIZER AND MULCHING REQUIREMENTS

TEMPORARY COVER: a.) Apply agricultural grade crushed limestone at a rate of One(1) ton per acre or as required by soil test.
b.) Apply 10-10-10 fertilizer at a rate of 500 lbs. per acre
c.) Apply straw mulch as per PADOT 408 specifications at a rate of 3 tons per acre.

PERMANENT COVER: a.) Apply agricultural grade crushed limestone at a rate of Six(6) tons per acre.
b.) Apply 10-20-20 fertilizer at a rate of 1,000 lbs. per acre.
c.) Apply straw mulch as per PADOT 408 specifications at a rate of 6 tons per acre.

REV	DATE	BY	DESCRIPTION

SCALE:
AS NOTED



DESIGNED JPK
DRAWN JPK
CHECKED

SUBMITTED BY
JAMES P. KELLEY, P.E.
PE041844E
LICENSE NO.
DATE
LICENSE NO.
DATE



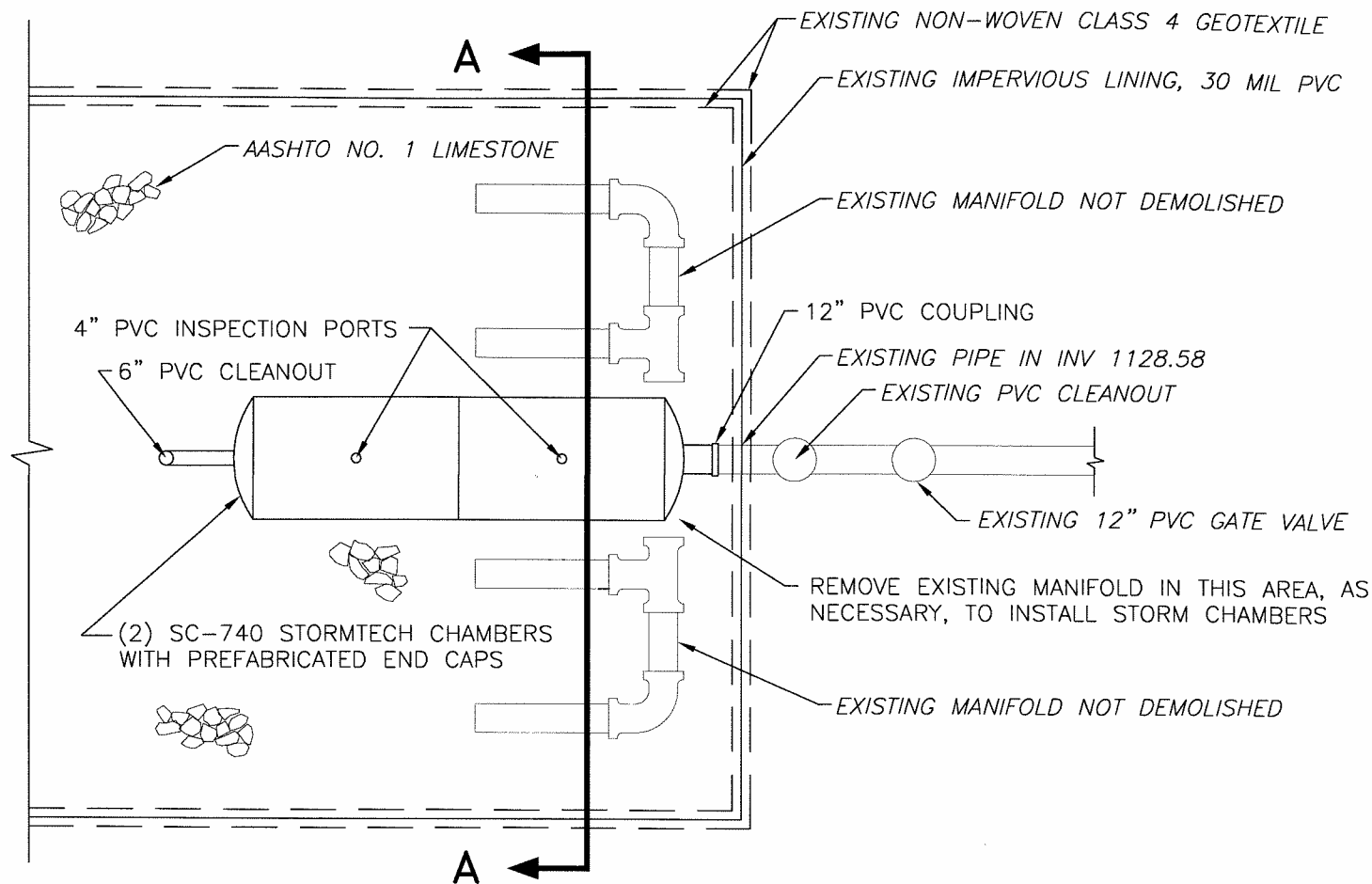
lackawanna watershed

MWH
Mayfield, PA
ACKER ASSOCIATES
Moscow, PA

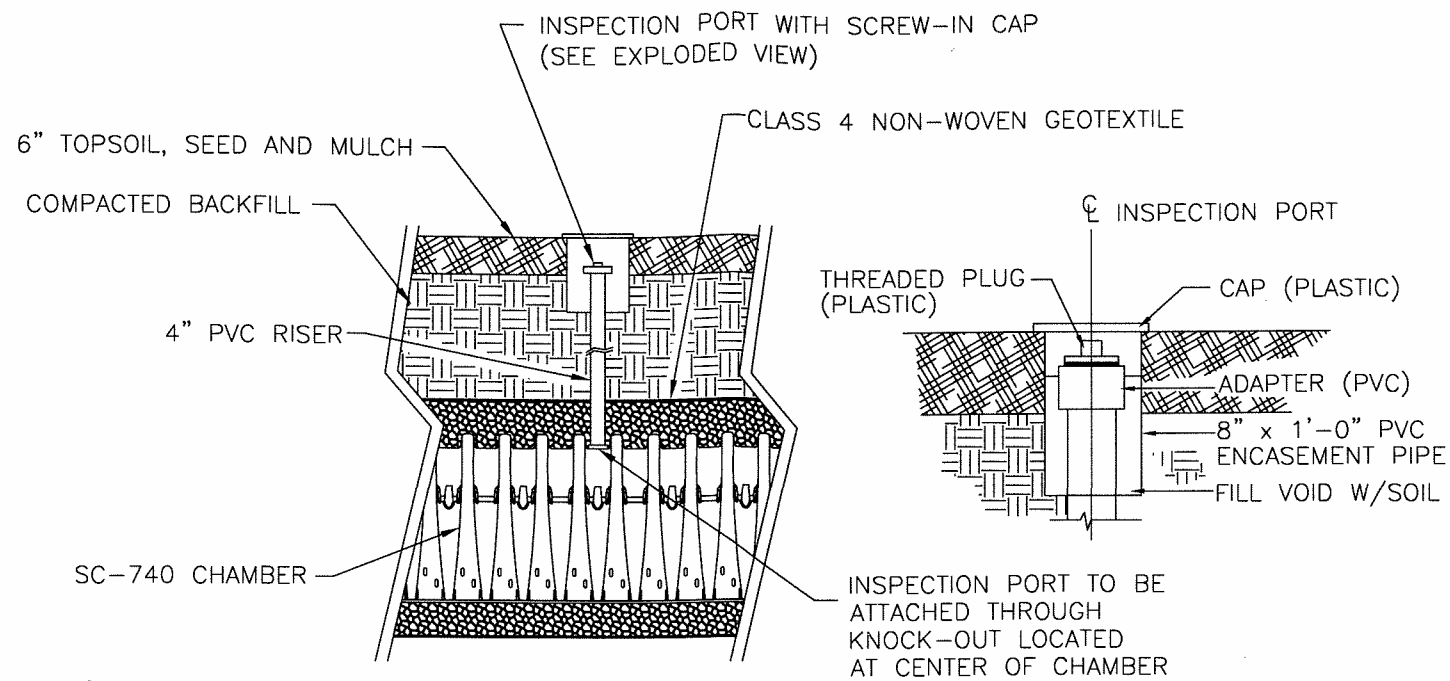
COUNTY OF LACKAWANNA
ARCHBOLD BOROUGH, PENNSYLVANIA
AYLESWORTH CREEK
AND TREATMENT ENHANCEMENT PROJECT

AYLESWORTH CREEK
SECTION AND DETAILS

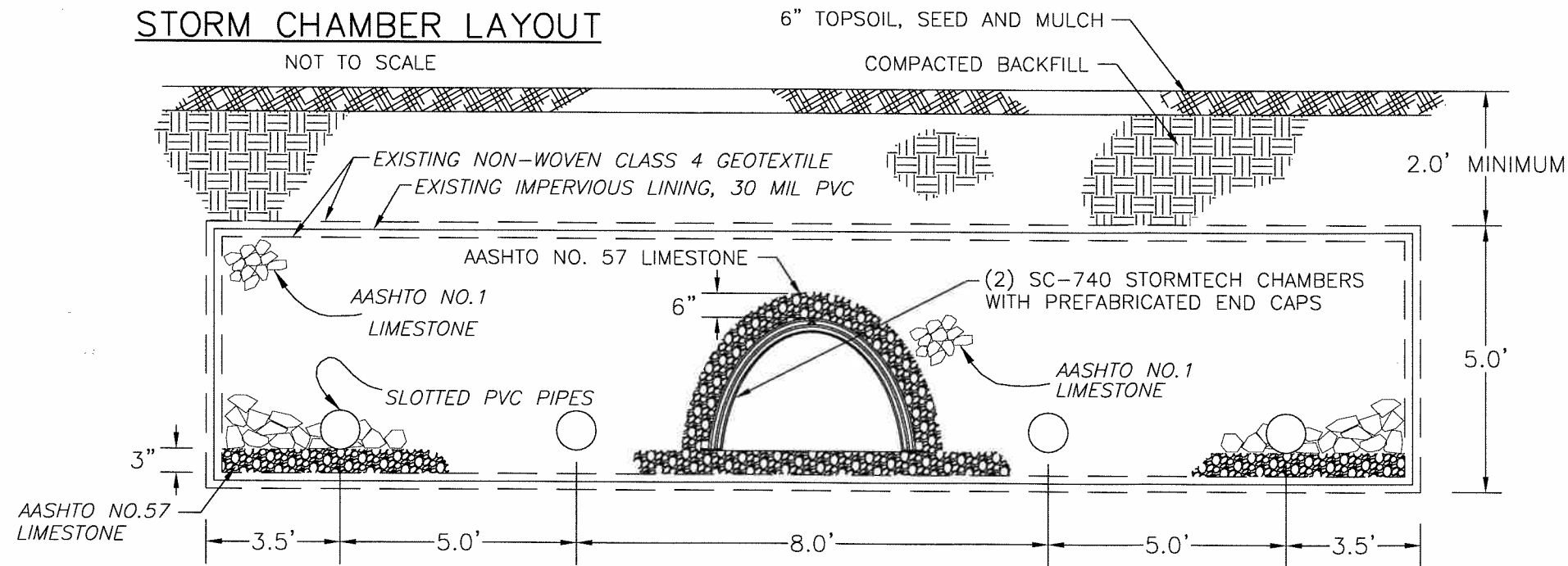
SHEET
SK-2



STORM CHAMBER LAYOUT
NOT TO SCALE



INSPECTION PORT DETAIL
NOT TO SCALE



CROSS SECTION
Section A-A
NOT TO SCALE

REV	DATE	BY	DESCRIPTION

SCALE:
AS NOTED



DESIGNED JPK
DRAWN JPK
CHECKED _____

SUBMITTED BY
JAMES P. KELLEY, P.E.
LICENSE NO. PED41844E
DATE _____
LICENSE NO. _____
DATE _____



lackawanna watershed

MWH
Mayfield, PA
ACKER ASSOCIATES
Moscow, PA

COUNTY OF LACKAWANNA
ARCHBALD BOROUGH, PENNSYLVANIA
AYLESWORTH CREEK
AMD TREATMENT ENHANCEMENT PROJECT

AYLESWORTH CREEK
SECTION AND DETAILS

SHEET
SK-3